

# Certificate



**No.: 968/FSP 1687.00/18**

<b>Product tested</b>	Tank Gauging Proservo	<b>Certificate holder</b>	Endress+Hauser SE + Co. KG Hauptstraße 1 79689 Maulburg Germany
<b>Type designation</b>	NMS8x [x = 0,1,3]		
<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010		
<b>Intended application</b>	The devices comply with the requirements of Hardware Safety Integrity SIL 2 and Systematic Capability SC 3 acc. to IEC 61508 and can be used in applications up to SIL 2 (HFT=0) resp. SIL 3 (HFT=1) for following safety functions: - Safe detection of a level (min, max, range) within the measuring range, accuracy of $\pm 2\%$ ; - Safe current in measurement (min, max, range) within the measuring range, accuracy of $\pm 1\%$ ; with safe analogue and/or digital outputs.		
<b>Specific requirements</b>	The instructions of the associated Operating Manual and Safety Manual shall be considered.		

Valid until 2023-07-05

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1687.00/18 dated 2018-07-05.

This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2018-07-05

Certification Body Safety & Security for Automation & Grid

*Dr. R. G. A.*

Dr.-Ing. Thorsten Gantevoort